	I	Aeronautics Educ							
2006 Mathematics Grade Level Expectations									
Delaware Mathematic		Grade Level Exp	ectations						
Grade 2									
Activity/Lesson	State	Standards							
•			Measure an object by counting repetitions of the						
			same unit of measure (e.g., the length of the						
Air Engines (12-16)	DE	MA.2. 3.3.4	desk measured by an index card)						
			Measure a large object more than once using a						
Ain Francis as (40, 40)	DE	MA 0 0 0 5	different tool as the unit of measure each time-						
Air Engines (12-16)	DE	MA.2. 3.3.5	decide which one is the "best" for the task						
Air Engines (12-16)	DE	MA.2. 4.4.1	Explore events as more likely or less likely based on informal observation						
All Eligines (12-10)		IVIA.2. 4.4. I	based on informal observation						
Flight: Interdisciplinary									
Learning Activities (76-			Develop efficient strategies for counting (e.g.,						
79)	DE	MA.2. 1.1.1	skip counting by 1s, 2s, 5s and 10s)						
Flight: Interdisciplinary									
Learning Activities (76-			Use multiple strategies to compare size of two						
79)	DE	MA.2. 1.1.4	numbers (counting up, counting back)						
Dunked Nankin ( 17			Collect (e.g., observe, count, or survey)						
Dunked Napkin (17-22)	DE	MA.2. 4.1.1	categorical data to answer a question posed by the teacher or students						
Dunked Napkin (17-		IVIA.2. 4. 1. 1	Interpret data by noting characteristics of the						
22)	DE	MA.2. 4.3.1	graph (e.g., most, least, the same)						
,			Measure an object by counting repetitions of the						
Paper Bag Mask (23-			same unit of measure (e.g., the length of the						
28)	DE	MA.2. 3.3.4	desk measured by an index card)						
			Measure a large object more than once using a						
Paper Bag Mask (23-			different tool as the unit of measure each time-						
28)	DE	MA.2. 3.3.5	decide which one is the "best" for the task						
Wind in Your Socks)			Measure an object by counting repetitions of the						
(29-35)	DE	MA.2. 3.3.4	same unit of measure (e.g., the length of the desk measured by an index card)						
(20-00)	DL	IVI/A.2. 0.0.4	Measure a large object more than once using a						
Wind in Your Socks)			different tool as the unit of measure each time-						
(29-35)	DE	MA.2. 3.3.5	decide which one is the "best" for the task						
,			Collect (e.g., observe, count, or survey)						
Wind in Your Socks)			categorical data to answer a question posed by						
(29-35)	DE	MA.2. 4.1.1	the teacher or students						
			Demonstrate a variety of informal techniques for						
Wind in Vous Cooks			organizing and representing categorical data						
Wind in Your Socks) (29-35)	DE	MA.2. 4.2.1	(e.g., tallies, pictures, or physical objects, bar graph with scale provided, line plot)						
Wind in Your Socks)		IVI/A.Z. 4.Z. I	Explore events as more likely or less likely						
(29-35)	DE	MA.2. 4.4.1	based on informal observation						
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Aeronautics Educator Guide 2006 Mathematics									
Grade Level Expectations									

<b>Delaware Mathematic</b>	cs		
Grade 3			
Activity/Lesson	State	Standards	
-			Measure objects (height, length of arms, length
			of foot) using standard measurement units (e.g.,
Air Engines (12-16)	DE	MA.3. 3.3.3	cm, inches, feet)
			Collect categorical and numerical data to
Dunked Napkin (17-			answer a question posed by the teacher or
22)	DE	MA.3. 4.1.1	students
Dunked Napkin (17-			Find and use the mode to describe and interpret
22)	DE	MA.3. 4.3.2	data
•			Measure objects (height, length of arms, length
Paper Bag Mask (23-			of foot) using standard measurement units (e.g.,
28)	DE	MA.3. 3.3.3	cm, inches, feet)
,			Measure objects (height, length of arms, length
Wind in Your Socks)			of foot) using standard measurement units (e.g.,
(29-35)	DE	MA.3. 3.3.3	cm, inches, feet)
			Collect categorical and numerical data to
Wind in Your Socks)			answer a question posed by the teacher or
(29-35)	DE	MA.3. 4.1.1	students
(== ==)			
		Aeronautics Educ	ator Guide
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		Grade Level Exp	
Delaware Mathematic	28	Oldas Zovel Zxp	
Grade 4			
Activity/Lesson	State	Standards	
710tiVity/2000011	Julio	Gtariaarao	Extend the precision of a standard
			measurement by using fraction strips to develop
Air Engines (12-16)	DE	MA.4. 3.3.2	1/2, 1/4 or 1/10 as a "unit of measure."
All Eliginos (12-10)	DL	IVI7.4. 0.0.2	Estimate and then measure the length of objects
			to the nearest whole unit (e.g., find your height
Air Engines (12-16)	DE	MA.4. 3.3.1	in inches or centimeters)
All Eligines (12-10)		IVIA.7. 3.3.1	Extend the precision of a standard
Paper Bag Mask (23-			measurement by using fraction strips to develop
28)	DE	MA.4. 3.3.2	
Paper Bag Mask (23-	DE	IVIA.4. 3.3.2	1/2, 1/4 or 1/10 as a "unit of measure."  Use a ruler to draw lines or geometric figures
	DE	MA.4. 3.3.4	
28)	DE	IVIA.4. 3.3.4	with given measurements
Danas Dan Maak (22			Estimate and then measure the length of objects
Paper Bag Mask (23-	DE	NAA 4 0 0 4	to the nearest whole unit (e.g., find your height
28)	DE	MA.4. 3.3.1	in inches or centimeters)
Militar all line May 200 1 1 2			Extend the precision of a standard
Wind in Your Socks)	DE	NAA 4 0 0 5	measurement by using fraction strips to develop
(29-35)	DE	MA.4. 3.3.2	1/2, 1/4 or 1/10 as a "unit of measure."
Wind in Your Socks)			Use a ruler to draw lines or geometric figures
(29-35)	DE	MA.4. 3.3.4	with given measurements
			Collect categorical data where the data is
	1		described using numbers (e.g., how many have
•			
Wind in Your Socks) (29-35)	DE	MA.4. 4.1.2	five letters in their first name?)
(29-35)	DE	MA.4. 4.1.2	five letters in their first name?) Estimate and then measure the length of objects
•	DE DE	MA.4. 4.1.2 MA.4. 3.3.1	

			Use a ruler to draw lines or geometric figures
Sled Kite (44-51)	DE	MA.4. 3.3.4	with given measurements